

**From:** [HOPE Bruce](#)  
**To:** [HOPE Bruce](#); [Kristine Koch/R10/USEPA/US@EPA](#); [Carrie A. Smith](#); [Ben Cope/R10/USEPA/US@EPA](#)  
**Cc:** [Eric Blischke/R10/USEPA/US@EPA](#); [Chip Humphrey/R10/USEPA/US@EPA](#)  
**Subject:** RE: AFT model equation corrections  
**Date:** 10/11/2007 12:47 PM

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I got an email about Equation 11, the partitioning equation for water - it's wrong too. Should be  $PH_{idw} = (1 + CPW \times OCPW \times KOC)^{-1}$

-----Original Message-----

From: HOPE Bruce  
Sent: Thursday, October 11, 2007 7:48 AM  
To: Koch.Kristine@epamail.epa.gov; Carrie A. Smith; Cope.Ben@epamail.epa.gov  
Cc: 'Blischke.Eric@epamail.epa.gov'; Humphrey.Chip@epamail.epa.gov  
Subject: AFT model equation corrections

Hi Kristine,

My compliments on your painstaking review of the AFT equations - you were right, Equation 20 on page 31 is wrong. I just received an email from the San Francisco folks with their correction  $[FDS = 1/(1+(CSS*OCSS*KOC))]$ , where  $KOC = KOW * CN_{KOC}$ . They discovered and fixed this 3 years ago but never published any errata. So, just in case, I also asked them to confirm Equation 11 on page 30.

Bruce